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> Ariens Platinum (24") SHO Great Lakes 369cc EFI Two-Stage Snow Blower User Manual

Ariens 921066

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Model: 921066

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Ariens Platinum (24") SHO Great Lakes 369cc EFI Two-Stage Snow Blower, Model 921066. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage.



Figure 1: Ariens Platinum (24") SHO Great Lakes 369cc EFI Two-Stage Snow Blower. This image displays the complete snow blower from

a front-right angle, highlighting its orange and black components, large tires, engine, and snow chute.

SETUP

Before initial operation, ensure the snow blower is properly assembled and prepared.

1. Fueling

- The engine is an Electronic Fuel Injection (EFI) system. Use fresh, clean, unleaded gasoline with an octane rating of 87 or higher.
- The fuel tank capacity is approximately 0.8 gallons.
- Always refuel in a well-ventilated area with the engine off and cool. Avoid spilling fuel.

2. Engine Oil

- Check the engine oil level before each use. Refer to the engine manufacturer's manual for specific oil type and capacity recommendations.
- Ensure the oil level is between the "Full" and "Add" marks on the dipstick.

3. Controls Overview

Familiarize yourself with the location and function of all controls, including the electric start, chute controls, and drive levers.

OPERATING INSTRUCTIONS

1. Starting the Engine

- Ensure the fuel valve is open and the ignition key is inserted.
- Connect the electric start cord to a grounded 120V AC outlet.
- Press the electric start button until the engine starts. Disconnect the cord immediately after starting.
- Allow the engine to warm up for a few minutes before engaging the auger or drive.

2. Clearing Snow

- Engage the auger and drive levers.
- The 24-inch clearing width and super high-output impeller are designed for efficient snow removal.
- Adjust your speed according to snow depth and density. Do not overload the machine.

3. Chute Control

- Utilize the electric joystick chute controls to direct snow discharge.
- Adjust both the direction and the angle of the chute for optimal snow throwing.
- Always direct snow away from people, animals, and property.

4. Steering and Comfort

- The Auto-Turn Triggerless Steering Technology provides smooth and effortless turns.
- Heated handgrips enhance operator comfort in cold conditions.
- The LED headlight and housing light improve visibility during low-light operation.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your snow blower.

1. After Each Use

- Clear any remaining snow or ice from the auger housing and chute.
- Inspect the auger and impeller for damage or wear.
- Check for loose fasteners and tighten as necessary.

2. Engine Maintenance

- Refer to the engine manual for detailed service intervals for oil changes, spark plug replacement, and air filter cleaning.
- Ensure the engine is clean and free of debris for proper cooling.

3. Gear Case

- The cast iron gear case is designed for durability. Periodically check for leaks and ensure proper lubrication according to the service manual.

TROUBLESHOOTING

This section provides general guidance for common issues. For detailed troubleshooting, consult the full service manual or contact Ariens customer support.

- **Engine Fails to Start:** Check fuel level, ignition key, spark plug, and electric start connection.
- **Poor Snow Throwing Performance:** Inspect auger and impeller for obstructions or wear. Ensure engine RPM is adequate.
- **Machine Not Moving:** Check drive system engagement and ensure no obstructions are preventing wheel rotation.

SPECIFICATIONS

Feature	Detail
Model Number	921066
Engine Type	Ariens AX EZ-Launch EFI Engine (369cc, 2-cycle)
Clearing Width	24 inches
Impeller	Super High-Output
Steering	Auto-Turn Triggerless Steering Technology
Drive System	Disc-O-Matic
Fuel Tank Capacity	0.8 gallons
Gear Case	Cast Iron
Comfort Features	Heated Handgrips, LED Headlight and Housing Light
Approximate Item Weight	51 pounds
Approximate Package Dimensions	48 x 48 x 48 inches

Note: The listed weight and package dimensions may refer to shipping specifications. Actual operational weight may vary.

WARRANTY AND SUPPORT

Warranty Information

This Ariens snow blower comes with a**3-year consumer warranty**. For full details regarding coverage, terms, and conditions, please refer to the warranty document included with your purchase or visit the official Ariens website.

Customer Support

For technical assistance, parts, or service, please contact Ariens customer support or visit the[Ariens Store on Amazon](#) for additional resources.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question